

State of Hawai'i
DEPARTMENT OF LAND AND NATURAL RESOURCES
Division of Aquatic Resources
Honolulu, Hawai'i 96813

June 8, 2007

Board of Land
and Natural Resources
Honolulu, Hawai'i

Request for Authorization and Approval to Issue a Papahānaumokuākea Marine National
Monument Research Permit to C.O. Jon D. Swallow, National Oceanic and
Atmospheric Association (NOAA) Ship Hi'ialakai, for Access to State Waters to Support
Marine Research Activities.

The Division of Aquatic Resources (DAR) hereby submits a request for your authorization and approval for issuance of a Papahānaumokuākea Marine National Monument (Monument) Research Permit to Jon D. Swallow LCDR/NOAA, Commanding Officer (C.O.), NOAA R/V Hi'ialakai, pursuant to § 13-60.5, *Hawai'i Administrative Rules*, and § 187A-6, *Hawai'i Revised Statutes*, and all other applicable laws and regulations. The Research Permit, described below, will allow activity to occur in the NWHI State Marine Refuge (0-3 miles) waters surrounding Nihoa Island, Mokumanamana (Necker) Island, French Frigate Shoals, Gardner Pinnacles, Maro Reef, Laysan Island, Lisianski Island, Pearl and Hermes Atoll, and Kure Atoll to provide a support platform for scientific activities covered under other permits. The activities covered under these permits will occur from July 1, 2007 through December 31, 2007, as outlined below and in the attached permit application.

INTENDED ACTIVITIES

The NOAA R/V Hi'ialakai will be used as a support platform and C.O. Swallow requests permission to enter State waters, anchor small craft, land, and transport organisms as specified under numerous separate permit applications. Ship details are attached.

The proposed activities are consistent with and support the purposes of the Refuge, primarily to support, promote, and coordinate appropriate scientific research and assessment, and long-term monitoring of the resources within the marine refuge.

REVIEW PROCESS:

The permit application was sent out for review and comment to the following scientific entities: DAR staff, Monument staff, NOAA Pacific Islands Regional Office (NOAA-PIRO), and United States Fish and Wildlife Service. The Office of Hawaiian Affairs (OHA), and the Kaho'olawe Island Reserve Commission (KIRC) were also consulted.

Comments received from the Scientific Community on the Research Permit are summarized as follows:

- One reviewer indicated that the Hi'ialakai should be issued a Conservation and Management Permit Rather than a Research Permit.
- One reviewer noted that although there are some impacts associated with normal cruise operations, they are minimal considering the value of the scientific endeavors facilitated by the vessel cruises.

Comments received from the Native Hawaiian Community on the Research Permit are summarized as follows:

- OHA reiterated its request that each research vessel have at least one cultural practitioner on board. Additionally, all future Papahānaumokuākea Marine National Monument permit applications should address impacts to cultural resources.

RESPONSE:

DAR staff contacted the Monument staff to discuss the type of permit issued to the Hi'ialakai. The Monument staff responded and indicated that because the vessel is used as a platform to support research, a research permit must be issued. However this subject is under discussion by the Monument Management Board, and will be addressed for future NOAA vessel permit applications.

IMPACT ANALYSIS

Although there are some impacts associated with normal cruise operations, these impacts are temporary and should be considered minimal in comparison to the value of the scientific and management endeavors achieved.

FINAL STAFF RECOMMENDATIONS:

DAR staff is of the opinion that the Applicant has properly demonstrated valid justifications for his application and should be allowed to enter the NWHI State Marine Refuge waters and to conduct the activities therein as specified in the application with the following special instructions and conditions, which are in addition the Papahānaumokuākea Marine National Monument Research Permit General Conditions:

1. Require Applicant to inform and consult with DAR regarding Applicant's cruise plan before each trip to the NWHI.
2. No fishing is allowed in State Marine Refuge waters except as authorized under State law for subsistence, traditional and customary practices by Native Hawaiians.

3. Swimming, SCUBA and snorkeling activities are allowed only for vessel maintenance and emergency operations.
4. No taking, collecting, sampling, catching, killing or interacting with any wildlife in State waters are allowed under this permit.
5. To prevent introduction of disease or the unintended transport of live organisms, the permittee must comply with the disease and transport protocol attached to this permit.
6. Tender and dive vessels operating within the Monument are encouraged to operate at slow speed and with a bow lookout in shallow water coral reef areas in order to minimize prop or bow damage to three dimensional coral reef habitat or endangered monk seals or sea turtles. Tenders and small vessels must be equipped with engines that meet EPA emission requirements.
7. Refueling of tenders and all small vessels must be done at the NOAA R/V Hi'ialakai and while outside the confines of the lagoons or near-shore waters.

RECOMMENDATION:

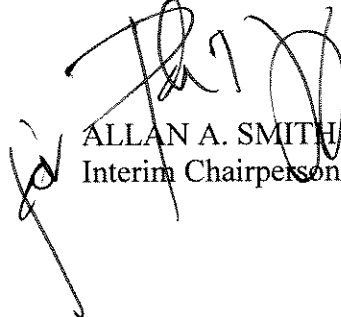
"That the Board authorize and approve, with stated conditions, a Research Permit to C.O. Jon D. Swallow, for the NOAA vessel Hi'ialakai."

Respectfully submitted,



DAN POLHEMUS
Administrator

APPROVED FOR SUBMITTAL



ALLAN A. SMITH
Interim Chairperson



Department of Land and Natural Resources
Northwestern Hawaiian Islands Permit Application Review

Permit Type: Management ☐ Recreation ☐ Research ☒
Education ☐ Cultural ☐ Special Ocean Use ☐

Working Title: Request for Authorization and Approval to Issue a Papahānaumokuākea Marine National Monument Joint Research Permit to C.O. Jon D. Swallow, National Oceanic and Atmospheric Association (NOAA) Ship HI'IALAKAI, for Access to State Waters to Support Marine Research Activities.

Project Applicant: Jon D. Swallow, CO, NOAA Ship Hi'ialakai

Project Location(s) (Both State Waters and Monument): Entire Monument

Project Dates and Duration: July 7, 2007 through December 31, 2007

Project Précis & Background (*Summary of project and why this is proposed*):

The R/V Hi'ialakai will be used as a support platform and requests permission to enter State waters, anchor small craft, land, and transport organisms as specified under numerous separate permit applications.

Are there other relevant permits that have/will be issued with regard to this project? Yes ☒
Required permits for associated research projects.

Could work be conducted outside the NWHI?: Yes ☐ No ☒

Has Applicant been granted a permit from the State in the past? Yes ☒ No ☐

If so, please summarize past permits:

DLNR.NWHI06S003 was issued on March 30, 2006 to the previous ship commanding officer. All terms in full compliance, including personnel updates, cruise log and report.

Have there been any a) violations: Yes ☐ No ☒ **b) late/ incomplete reports:** Yes ☐ No ☒
Any other relevant concerns from previous permits? _____

Recommendations:

DAR Staff: Approve this permit application ☒ Reject this permit application ☐

NH CWG: Approve this permit application ☐ Reject this permit application ☐


Additional Comments:



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NOAA Marine and Aviation Operations
NOAA SHIP HI'IALAKAI R334
1 Sand Island Access Road
Honolulu, Hawaii 96819-2222

April 17, 2007

MEMORANDUM FOR: NWHI Marine National Monument Permit Coordinator

FROM: Lieutenant Commander Jon D. Swallow, NOAA
Commanding Officer 

SUBJECT: Permit Application for 2007 Field Season

Enclosed is a permit application for the NOAA Ship HI'IALAKAI to operate in the NWHI Marine National Monument during the 2007 Field Season. Scientific operations will be covered under separate permits. HI'IALAKAI's mission is to support research, education, and cultural projects assigned to the ship through NOAA's Fleet Allocation process. HI'IALAKAI will abide by all Monument regulations and strive to make as minimal an impact as possible on the natural environment inside the Monument.

This application supersedes the draft application submitted in March, 2007. Please note that HI'IALAKAI requires authorization to discharge gray water incidental to vessel use inside the Monument in order to perform routine operations. Gray water will not be discharged inside Special Preservation Areas or State Waters. Authorization is also requested for limited human waste discharge from personnel operating in small boats or dive operations. Holding systems are not practical or safe to use in open boats used for diving and other work in near shore research areas.

Thank you for your consideration.

cc: Superintendent, NWHI Marine National Monument
Marine Operations Center - Pacific



Northwestern Hawaiian Islands Marine National Monument Permit Application

NOTE: *This Permit Application (and associated Instructions) are for activities to be conducted in the Northwestern Hawaiian Islands Marine National Monument, including Hawaiian Islands National Wildlife Refuge, the Midway Atoll National Wildlife Refuge, Battle of Midway National Memorial, Northwestern Hawaiian Islands State Marine Refuge, Kure Atoll Hawaii State Seabird Sanctuary, and the Northwestern Hawaiian Islands Coral Reef Ecosystem Reserve. The Co-Trustees are required to determine that issuing the requested permit is compatible with the findings of Presidential Proclamation 8031. Within this Application, please provide all information that you believe will assist the Co-Trustees in determining how your proposed activities are compatible with the conservation and management of the natural, historical and cultural resources of the NWHI Marine National Monument (Monument).*

Summary Information

Applicant name:

Jon D. Swallow, LCDR/NOAA Commanding Officer, NOAA Ship HI'IALAKAI

Permit categories:

- ☒ Research – Please fill out Sections A-D (as applicable) and Appendix A
- ☐ Conservation and Management - Please fill out Sections A-D (as applicable) and Appendix A
- ☒ Education - Please fill out Sections A-D (as applicable) and Appendix B
- ☐ Native Hawaiian Practices - Please fill out Sections A-D (as applicable) and Appendix C
- ☒ Recreation (Midway ONLY) - Please fill out Sections A-D (as applicable) and Appendix D
- ☐ Special Ocean Use - Please fill out Sections A-D (as applicable) and Appendix E

Briefly describe permit activity:

To operate HI'IALAKAI, a 224' National Oceanic and Atmospheric Administration (NOAA) research vessel within the boundaries of the Northwestern Hawaiian Islands Marine National Monument. Operations will typically include supporting research scientists with a capable platform from which to engage in research activities. Research scientists will work under a separate permit.

- ☐ This application is for a RENEWAL of an existing permitted project.
- ☒ This application is for a NEW project.

When will the activity take place?

From: 6/1/07 To: 12/31/07

NOTE: INCOMPLETE APPLICATIONS WILL NOT BE CONSIDERED

Please Send Permit Applications to:

NWHI Marine National Monument Permit Coordinator
6600 Kalaniana'ole Hwy. # 300
Honolulu, HI 96825
nwhipermit@noaa.gov

NWHI Monument Permit Application

OMB Control # 0648-0548

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PHONE: (808) 397-2660 FAX: (808) 397-2662

**NOTE: SUBMITTAL VIA ELECTRONIC MAIL IS PREFERRED BUT NOT
REQUIRED. FOR ADDITIONAL SUBMITTAL INSTRUCTIONS, PLEASE SEE PG 7.**

Section A - Applicant Information

1. Applicant

Name (last, first, middle initial): Swallow, Jon D. LCDR/NOAA

Title: Commanding Officer, NOAA Ship HI'IALAKAI

2. Mailing address (street/P.O. box, city, state, country, zip):

NOAA Ship HI'IALAKAI
#1 Sand Island Access Rd
Honolulu, HI USA 96819

Phone: (808) 479 - 9575

Fax: N/A

Email: co.hiialakai@noaa.gov

For students, major professor's name, telephone and email address: N/A

3. Affiliation (institution/agency/organization directly related to the proposed project):

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
Office of Marine & Aviation Operations

4. Additional persons to be covered by permit:

Officers and crew of NOAA Ship HI'IALAKAI (see attachment #1)

Section B: Project Information

5a. Project location(s):

X Nihoa Island	<input type="checkbox"/> Land-based	X Ocean-based
X Necker Island (Mokumanamana)	<input type="checkbox"/> Land-based	X Ocean-based
X French Frigate Shoals	<input type="checkbox"/> Land-based	X Ocean-based
X Gardner Pinnacles	<input type="checkbox"/> Land-based	X Ocean-based
X Maro Reef		
X Laysan Island	<input type="checkbox"/> Land-based	X Ocean-based
X Lisianski Island, Neva Shoal	<input type="checkbox"/> Land-based	X Ocean-based
X Pearl and Hermes Atoll	<input type="checkbox"/> Land-based	X Ocean-based
X Midway Atoll	<input type="checkbox"/> Land-based	X Ocean-based
X Kure Atoll	<input type="checkbox"/> Land-based	X Ocean-based
Other		

NOTE: Please note there is a fee schedule for people visiting Midway Atoll National Wildlife Refuge via vessel and aircraft.

Location Description:

General scientific operations throughout the Northwest Hawaiian Islands National Monument.

5b. Check all applicable regulated activities proposed to be conducted in the Monument:

- ☐ Removing, moving, taking, harvesting, possessing, injuring, disturbing, or damaging any living or nonliving monument resource
- ☐ Drilling into, dredging, or otherwise altering the submerged lands other than by anchoring a vessel; or constructing, placing, or abandoning any structure, material, or other matter on the submerged lands
- X Anchoring a vessel
- ☐ Deserting a vessel aground, at anchor, or adrift
- X Discharging or depositing any material or matter into the monument
- ☐ Touching coral, living or dead
- ☐ Possessing fishing gear except when stowed and not available for immediate use during passage without interruption through the monument
- ☐ Attracting any living monument resource
- X Sustenance fishing (Federal waters only, outside of Special Preservation Areas, Ecological Reserves and Special Management Areas)
- ☐ Subsistence fishing (State waters only)
- X Swimming, snorkeling, or closed or open circuit SCUBA diving within any Special Preservation Area or Midway Atoll Special Management Area

6. Purpose/Need/Scope *State purpose of proposed activities:*

The purpose of the ship's activities are to provide an at sea research platform for NOAA's research program's and the NWHI Marine National Monument. HI'IALAKAI is dedicated to studying and protecting the Papahānaumokuākea (Northwestern Hawaiian Islands) Marine National Monument, and to carrying out NOAA's mission of understanding the Earth's environment and managing marine resources to meet our nation's economic, social and environmental needs.

7. As explained further in the instructions, please provide any information that you believe will assist the Co-Trustees in determining how your proposed activities are compatible with the conservation and management of the natural, historical and cultural resources of the Monument:

The vessel's activities support federal government research programs and associated universities, non-government organizations, and the State of Hawaii programs designed for further understanding of Monument resources and the increased educational value of the monument for all citizens.

8. Procedures:

The ship will transit to the monument from Pearl Harbor, operate within the monument with various research operations, including small boat operations, diving, snorkeling, multibeam sonar mapping, oceanographic data collection, and supporting authorized USF&WS or State of Hawaii land based operations. The ship will monitor other vessel traffic in the vicinity of operations and report movement via VMS to the Office of Law Enforcement. The ship will typically perform small boat operations during the day and mapping at night. NWHI MNM personnel will typically be on board and in charge of the scientific party.

All methods and procedures will be performed with the safety and welfare of personnel, the protection of Monument resources, and the accomplishment of mission objectives as top priorities.

Section C: Logistics

9. Other permits (list and attach documentation of all other related Federal or State permits):

N / A

9a. For each of the permits listed, please identify any permit violations or any permit that was suspended, amended, modified or revoked for cause. Please explain the circumstances surrounding the violation or permit suspension, amendment, modification or revocation.

N / A

10. Funding sources (Please attach copies of your budget, specific to proposed activities under this permit and include funding sources. Please see instructions for more information):

All funding comes from an annual budget of the United States Federal Government for the National Oceanic and Atmospheric Administration.

11. Time frame:

Activity start: 01 June 2007

Activity completion: 31 December 2007

Dates actively inside the Monument:

The NOAA Ship HI'IALAKAI will be conducting scientific cruises within the Monument from June 2007 - December 2007. The specific dates within the Monument include but are not limited to the following:

July 7 - July 31

August 13 - September 10

September 18 - October 16

Please describe any limiting factors in declaring specific dates of the proposed activity at the time of application:

Research projects are determined by scientific cruise instructions. At this time, no specific cruise instructions have been received from the project scientists. Any project dates within this time frame are tentative and could change.

Personnel schedule in the Monument:

See attachment 1. Crew list will be updated on a cruise by cruise basis.

12. Please indicate (with attached documentation) what insurance policies, bonding coverage, and/or financial resources are in place to pay for or reimburse the Monument trustees for the necessary search and rescue, evacuation, and/or removal of any or all persons covered by the permit from the Monument:

The federal government is self-insured.

13. Please check the appropriate box to indicate how personnel will enter the Monument:

☒ Vessel

☐ Aircraft

Provide Vessel and Aircraft information:

NOAA Ship HI'IALAKAI

IMO# 8835619

14. What certifications/inspections do you have scheduled for your vessel? Please fill in scheduled date (attach documentation): These inspections are to be conducted at a later date.

☐ Rodent free, Date: completed 3/27/2007

☐ Tender vessel, Date: Jet Boats Inspected / Serviced - February 2007

☐ Ballast water, Date: scheduled for the week of June 26

☐ Gear/equipment, Date: scheduled for the week of June 26

☐ Hull inspection, Date: Ship Drydocked - February 2007, will inspect the week of June 26

The NOAA Ship HI'IALAKAI is scheduled to be in her homeport of Pearl Harbor, HI from June 26 - July 7. Required inspections will be conducted during this time frame.

15. Vessel information (NOTE: if you are traveling aboard a National Oceanic and Atmospheric Administration vessel, skip this question):

Vessel name:

Vessel owner:

Captain's name:

IMO#:

Vessel ID#:

Flag:

Vessel type:

Call sign:

Embarkation port:

Last port vessel will have been at prior to this embarkation:

Length:

Gross tonnage:

Total ballast water capacity volume (m3):

Total number of ballast water tanks on ship:

Total fuel capacity:

Total number of fuel tanks on ship:

Marine Sanitation Device:

Type :

How will you comply with the 'No Discharge' regulations stipulated in Presidential Proclamation 8031? Describe in detail. If applicable, please attach schematics of the vessel's discharge and treatment systems:

The ship requests authorization in this permit to discharge gray water incidental to vessel use outside of the Special Preservation Areas and State waters. The ship is unable to store gray water separate from black water, reducing the total holding capacity of the vessel to approximately 1 day worth of production. This authorization is necessary for efficient ship operations in the Monument until upgrades to the ship's marine sanitation (MSD) system can be made.

Authorization is requested for limited human waste discharge from personnel operating in small boats or dive operations. Holding systems are not practical or safe to use in the open boats used for diving and other scientific work in near shore research areas.

The ship will abide by the other prohibitions in the Monument Regulations and strive to minimize all discharges of any type within or near the Monument boundary.

Other fuel/hazardous materials to be carried on board and amounts:

Fuel / Lubricants: Gasoline, #2 Diesel Fuel, Lubrication Oil & Hydraulic Oil (Amounts will vary per cruise)

Hazardous Materials (MSDS Inventory):

Antifoulant Device	EP-921 (cleaning solvent)
Aqua-Sol 20/20 Marine	Estesol Gold (skin cleanser)
AS-175 Anti-Slip Coating	Eyesaline Concentrate (eyewash)
Various Types of Batteries	First Step

CCK-77	Gasket Remover Aerosol
Cleaner / Degreaser 5G	Gleem Metal Polish
Clorox Bleach	Paints (Various)
LPS CFC - Contact Cleaner	Qurox
Silicone Aerosol	Simple Green (Cleaner / Degreaser)
WD-40	Wedac
ZEP Rust Remover	

Please provide proof of a National Oceanic and Atmospheric Administration (NOAA) Office of Law Enforcement-approved Vessel Monitoring System (VMS). Please provide the name and contact information of the contractor responsible for installing the VMS system. Please also describe unit name and type:

Sailor TT 3606 XP - Thrane & Thrane
VMS Email: 430338120@c.xantic.net
Inmarsat ID#:430388120

16. Tender information:

On what workboats (tenders) will personnel, gear and materials be transported within the Monument? Please list the number of tenders/skiffs aboard and specific types of motors:

The NOAA Ship HI'IALAKAI has the following tenders which will be deployed.

1. 8m - Jetboat Launch - 270 hp Yanmar (Diesel)
2. 10m - Jetboat Launch - 315 hp Yanmar (Diesel)
3. Rescue Boat - 115 hp (Gas)
4. Safeboat - twin outboard engines (60 hp each)
5. Safeboat - twin outboard engines (75 hp each)
6. Safeboat - AHI multibeam sonar survey launch - Volvo inboard/outboard Diesel (236 hp)
7. Zodiac inflatable boat - single outboard engine (50hp)
8. (2) Avon inflatable boat - single outboard engine (50hp)

Section D: Additional Information for Land Based Operations

17. Proposed movement of personnel, gear, materials, and, if applicable, samples:

The ship may use tenders to transport personnel, gear, and materials to shore in support of USF&WS & State of Hawaii sponsored land based operations.


18. Room and board requirements on island:

None

19. Work space needs:

None

With knowledge of the penalties for false or incomplete statements, as provided by 18 U.S.C. 1001, and for perjury, as provided by 18 U.S.C. 1621, I hereby certify to the best of my abilities under penalty of perjury of that the information I have provided on this application form is true and correct.

Signature  Date 17 April 2007

PLEASE SEND ONE SIGNED APPLICATION VIA MAIL TO THE MONUMENT OFFICE BELOW:

NWHI Marine National Monument Permit Coordinator
6600 Kalaniana'ole Hwy. # 300
Honolulu, HI 96825
FAX: (808) 397-2662

DID YOU INCLUDE THESE?

- ☐ Applicant CV/Resume/Biography
- ☐ Electronic and Hard Copy of Application with Signature
- ☐ Map(s) or GPS point(s) of Project Location(s), if applicable
- ☐ Funding Proposal(s)
- ☐ Funding and Award Documentation, if already received
- ☐ Documentation of Insurance, if already received
- ☐ Documentation of Inspections
- ☐ Documentation of all required Federal and State Permits or applications for permits
- ☐ Statement of information you wish to be kept confidential

Appendix A: Research OR Conservation and Management Application

NOTE: If land or marine archeological activities are involved, please contact the Monument Permit Coordinator at the address on the general application form before proceeding, as a customized application will be needed. For more information, please contact the Monument office on the first page of this application.

1a. Collection of specimens - collecting activities (would apply to any activity): organisms or objects (List of species, if applicable, attach additional sheets if necessary):

None by ship's personnel. Scientific party activities are covered under a separate permit.

Common name:

Scientific name:

& size of specimens:

Collection location:

☐ Whole Organism ☐ Partial Organism

1b. What will be done with the specimens after the project has ended?

1c. Will the organisms be kept alive after collection? ☐ Yes ☐ No

• Specific site/location:

• Is it an open or closed system? ☐ Open ☐ Closed

• Is there an outfall? ☐ Yes ☐ No

• Will these organisms be housed with other organisms? If so, what are the other organisms?

• Will organisms be released?

2. If applicable, how will the collected samples or specimens be transported out of the Monument?

3. Describe collaborative activities to share samples, reduce duplicative sampling, or duplicative research:

4a. Gear and materials:

4b. Please list all Hazardous Materials you propose to take to and use within the Monument:

5. Fixed installations and instrumentation:

6. Provide a time line for sample analysis, data analysis, write-up and publication of information:

7. List all publications directly related to the proposed project:

DID YOU INCLUDE THESE?

☐ Material Safety Data Sheets for Hazardous Materials

Appendix B: Education Application

1. Are you collaborating with others in any way to reduce duplicative activities in the Monument or elsewhere?

Education is a core part of all NOAA strategic goals. All education and scientific cruises are scheduled through a Fleet Allocation process designed to reduce duplicate activities, combine work that can be done coincidentally, and minimize impact to the Monument resources. Ship's personnel assist the scientific party with educating citizens at sea and when ashore in Honolulu and elsewhere.

2. Gear and materials:

As authorized in scientific party permit.

3. Fixed installations and instrumentation:

None

4. Is your proposed activity based on a State Department of Education Standards Based Curriculum? If so, please describe:

Determined by scientific party during project development

5. What materials, products or deliverables will be developed as a result of your proposed activity? Provide a time line for write-up and publication of information or production of educational materials:

Separate from scientific party objectives, ship's flyers, slide show presentations, sign boards, pamphlets, etc.

6. List all publications/references directly related to the proposed project:

Determined by scientific party during project development

7a. Collection of specimens - collecting activities (would apply to any activity): organisms or objects (List of species, if applicable, attach additional sheets if necessary):

None by ship's personnel unless covered by scientific party permit.

Common name:

Scientific name:

& size of specimens:

Collection location:

☐ Whole Organism ☐ Partial Organism

7b. What will be done with the specimens after the project has ended?

7c. Will the organisms be kept alive after collection? ☐ Yes ☐ No

- Specific site/location:

- Is it an open or closed system? ☐ Open ☐ Closed

- Is there an outfall? ☐ Yes ☐ No

- Will these organisms be housed with other organisms? If so, what are the other organisms?

- Will organisms be released?

8. If applicable, how will the collected samples be transported out of the Monument?

Appendix C: Native Hawaiian Practices Application

1. Please state how the purpose and intent of the activity are appropriate and deemed necessary by traditional standards in the Native Hawaiian culture (pono), and demonstrate an understanding of, and background in, the traditional practice, and its associated values and protocols:

2. Please state how the activity benefits the resources of the Northwestern Hawaiian Islands and the Native Hawaiian community:

3. Please state how the activity supports or advances the perpetuation of traditional knowledge and ancestral connections of Native Hawaiians to the Northwestern Hawaiian Islands:

4. Will you be collecting any Monument resource? ☐ Yes ☐ No
If so, please provide the following information:

4a. Collection of specimens - collecting activities (would apply to any activity): organisms or objects (List of species, if applicable, attach additional sheets if necessary):

Common name and/or Scientific name:

& size of specimens:

Collection location:

☐ Whole Organism ☐ Partial Organism

4b. What will be done with the specimens after the Native Hawaiian cultural practice is complete?

4c. Will organisms be kept alive after collection? ☐ Yes ☐ No

• Specific site/location:

• Is it an open or closed system? ☐ Open ☐ Closed

• Is there an outfall? ☐ Yes ☐ No

• Will these organisms be housed with other organisms? If so, what are the other organisms?

• Will organisms be released?

NOTE: Any Monument resource harvested from the Monument for the purpose of Native Hawaiian practices will be consumed in the Monument.

5. Are you collaborating with others in any way to reduce duplicative activities in the Monument or elsewhere?

6. Gear and materials:

7. Will you erect any Native Hawaiian cultural structures or leave any offerings in the Monument? ☐ Yes ☐ No

If so, please describe:

8. Will you produce any publications, educational materials or other deliverables?
☐ Yes ☐ No

Provide a time line for write-up and publication of information or production of materials:

Appendix D: Recreation Application

For Activities in the Midway Atoll Special Management Area Only

1. Please explain how the activity is for the purpose of recreation as defined: An activity conducted for personal enjoyment that does not result in the extraction of Monument resources and that does not involve a fee-for-service transaction:

Ship's personnel will participate in recreational and conservation management activities within the Midway Atoll Special Management Area on a very limited basis. This typically involves 1-2 days per 4-week project to berth the vessel at Midway and allow the crew to perform voluntary conservation work with USF&WS personnel (removal of invasive plant species, debris cleanup, etc.), and enjoy recreational activities such as swimming, snorkeling, diving, and other beach activities. These activities are essential to crew health and morale on long projects and contributes to the crews understanding and respect for the Monument. The crew utilizes their experiences to better educate citizens on the resources and importance of protecting a special place like the NWHI MNM. No Monument resources will be extracted and no fee-for-service transactions will occur.

2. Other Associated Monument Permits:

Research
Education

3. Gear and materials:

Basic recreational gear for swimming, snorkeling, diving, and beach activities. Beach will be left cleaner than when we arrived.

4. Fixed installations and instrumentation:

None

Appendix E: Special Ocean Use Application

NOTE: If this is a first time Special Ocean Use activity, it will be subject to a pilot project.

1. Please provide proof of general liability insurance, or indicate that you will be posting an equivalent bond against claims arising out of activities conducted under the permit:

2. Are you collaborating with others in any way to reduce duplicative activities in the Monument or elsewhere?

3. Gear and materials:

4. Fixed installations and instrumentation:

5. List all publications directly related to the proposed project:

For projects occurring with the Midway Atoll Special Management Area answer the following questions:

6. Please explain how your activity has been found compatible with the purposes for which the Midway Atoll National Wildlife Refuge was designated?

7. Please explain how your activity meets the requirement of furthering conservation and management of the Monument:

For projects occurring outside of the Midway Atoll Special Management Area answer the following questions:

8. Please explain how the proposed activity will directly benefit the conservation and management of the Monument:

9. Please explain how the purpose of the proposed activity is for research and education related to resources or qualities of the Monument:

NOTE: SPECIAL OCEAN USE PERMITS OUTSIDE THE MIDWAY ATOLL SPECIAL MANAGEMENT AREA DO NOT ALLOW THE USE OF A COMMERCIAL PASSENGER

VESSEL. A commercial passenger vessel is defined by the monument regulations as a vessel that carries individuals who have paid for such carriage.

Attachment 1

LIST OF PERSONNEL COVERED UNDER PERMIT

**NOAA Ship HI'IALAKAI
Ship Crew List**

1. Commanding Officer	LCDR Jon Swallow
2. Executive Officer	LT Keith Golden
3. Medical Officer	LT William Cooper
4. 3 rd Mate	3M Donn Pratt
5. Operations Officer	LT(jg) Nathan Priester
6. Navigation Officer	ENS James Falkner
7. Junior Officer	ENS Patrick Jorgensen
8. Chief Marine Engineer	Sara Greene
9. 1 st Assistant Engineer	Richard Gabona
10. 2 nd Assistant Engineer	Gordon Gardipe
11. Engine Utility	Angelo Grant
12. General Vessel Assistant (Engine)	Tony Nemicola
13. Dive Chamber Operator	Jim Bostick
14. Chief Boatswain	Mark O'Connor
15. Bosun Group Leader	Kieth Lyons
16. Able Seaman	Gaetano Maurizio
17. Able Seaman	Scott Jones
18. Able Seaman	Jason Kehn
19. General Vessel Assistant (Deck)	Mike Young
20. General Vessel Assistant (Deck)	Tim Crumley
21. General Vessel Assistant (Deck)	Raymond Castillo
22. Chief Steward	Allen Gary
23. 2 nd Cook	Susan Parker
24. 2 nd Cook	Aaron Green
25. Electronic Technician	Mike Crumley
26. Electronic Technician	Joe Roessler
27. Survey Technician	Jeremy Taylor